

Product datasheet for SC112818

DUS1L (NM_022156) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	DUS1L (NM_022156) Human Untagged Clone
Tag:	Tag Free
Symbol:	DUS1L
Synonyms:	DUS1; PP3111
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_022156, the custom clone sequence may differ by one or more nucleotides

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ATGCCAAAGCTGCAGGGCTTCGAGTTCTGGAGCCGCACCCTGCGAGGGGCCCCGCCACGTCGTGGCCCCCA
TGGTGGACCAGAGCGAGCTGGCCTGGAGGCTGCTGAGCCGGCGCCACGGGGCACAGCTCTGCTACACGCC
CATGCTGCATGCCAGGTCTTTGTCGCGACGCCAACTACCGGAAGGAGAACCTGTACTGCGAGGTGTGC
CCCAGGACCGGGCCCTCATCGTGCAGTTCTGTGCCAATGACCCGGAGGTGTTTGTTCAGGCGGCTCTCC
TGGCTCAGGATTACTGTGACGCCATTGACCTGAACCTGGGCTGCCACAGATGATAGCCAAGAGAGGTCA
CTATGGCGCCTTTCTGCAGGACGAGTGGGACCTGCTCAAAGAATGATTTTGTGCCCCACGAGAACTC
TCTGTTCTGTACGTGCAAAATCCGTGTCTTCCCGGAGATTGACAAGACCGTGAGGTACGCCCAGATGC
TGGAGAAGGCCGGCTGCCAGTTGCTGACGGTGACGACGACCAAGGAGCAGAAGGGGCCCTGTCCGGG
TGCAGCGTCCTGGGAGCATATCAAGGCTGTGCGGAAGGCTGTGGCCATCCCTGTGTTTGCTAACGGGAAC
ATCCAGTGCCTGCAGGACGTGGAGCGCTGCCTCCGGGACACGGGTGTGCAGGGCGTCATGAGCGCAGAGG
GCAACCTGCACAACCCCGCCCTGTTTCGAGGGCCGGAGCCCTGCCGTGTGGGAGCTGGCCGAGGAGTATCT
GGACATCGTGGGGAGCACCCCTGCCCTGTCTACGTCCGGGCCCACCTCTTCAAGCTGTGGCACCAC
ACGCTGCAGGTGCACCAGGAGCTGCGAGAGGAGCTGGCCAAGGTGAAGACCCTGGAGGGCATCGTGTCTG
TGAGCCAGGAGCTGAAGCTGCGGTGTGAGGAGAGATCCAGGCAGGAGGGAGCAAGCCACCCGGCGA
CTTGCCCTTCCACTGGATCTGCCAGCCCTACATCCGGCCGGGGCCAGGGAGGGGAGCAAGGAGAAGGCA
GGTGCGCGCAGCAAGCGGGCCCTGGAGGAAGAGGAGGGTGCGACGAGGTCTGTCCAAGAACAAGCAAA
AGAAGCAGCTGAGGAACCCCCACAAGACCTTCGACCCCTCTCTGAAGCCAAAATATGCAAAGTGTGACCA
GTGTGGAACCCAAAGGCAACAGATGTGTGTTGAGCCTGTGCCGCGGCTGCTGCAAGAAGCGAGCCTCC
AAAGAGACTGCAGACTGCCCAGGTACGGATTGCTTTTTAAACCAAATTGGAGAAGTCTCTGGCCTGGA
AAGAGGCCAGCCTGAGCTGCAGGAGCCTCAGCCAGCAGCACCTGGAACACCAGGTGGCTTCTCCGAAGT
CATGGGCAGTGCCTGGCCTGA
  
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5' Read Nucleotide Sequence:

>OriGene 5' read for NM_022156 unedited
 GTGTTTACATTTGTATACGACTCATATAGGGCGGCCGGAATTCGCACGAGGCTGCTGAG
 CCGGCGCCACGGGGCACAGCTCTGCTACACGCCCATGCTGCATGCCAGGTCTTTGTCCG
 CGACGCCAACTACCGGAAGGAGAACCTGTACTGCGAGGTGTGCCCCGAGGACGGGCCCT
 CATCGTGACGTTCTGTGCCAATGACCCGGAGGTGTTTGTTCAGGCGGCTCTCCTGGCTCA
 GGATTACTGTGACGCCATTGACCTGAACTTGGGCTGCCACAGATGATAGCCAAGAGAGG
 TCACATATGGCGCCTTTCTGCAGGACGAGTGGGACCTGCTCCAAAGAATGATTTTGTGCGC
 CCACGAGAAACTCTCTGTTCTGTACGTGCAAAATCCGTGTCTTCCCGAGATTGACAA
 GACCGTGAGGTACGCCAGATGCTGGAGAAGGCCGGCTGCCAGTTGCTGACGGTGACGG
 ACGCACCAAGGAGCAGAAGGGGCCCTGTGCGGTGCAGCGTCTGGGAGCATATCAAGGC
 TGTGCGGAAGGCTGTGGCCATCCCTGTGTTTGCTAACGGGAACATCCAGTGCCTGCAGGA
 CGTGGAGCGCTGCCTCCGGGACACGGGTGTGCAGGGCGTCATGAGCGCAGAGGGCAACCT
 GCACAACCCCGCCTGTTGAGGGCCGGAGCCCTGCCGTGTGGGAGCTGGCCGANGAGTA
 TCTGGACATCGTGGGGAGCACCCCTGCCCCCTGTCTACGTCCGGGCCACCTTTCAA
 GCTGTGGCACCACACGCTGCANGTGCACCAGGAGCTGCGAGAGGAGCTGGCCAAGGTGAA
 GACCCTGNNAGGCATCGTGCTGTGAGCCAGAAGCTGAAGCTGCNGTGTACAGGGAGGAGA
 ATC

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_022156 unedited
 CTAGAGTCGAGTTTTTTTTTTTTTTTTCATCTTTGAAATGATTTATTGTTCACTTTTG
 CACACGCGTGCTGAGGACAGGGCAGGTCCAGCCTGGGGCTGCTCCCACTGCAGCATTT
 CCAGGCCCCAGAGTGGGCCGAAGGGGGACATGGGCGTGTCTTTCCACATTAAGTAGCAG
 GAGATTCCCTGAGTAAAAGGCATTTTCTTAAGTAGGACGTGTCCAGGCTCCAGCAGCAGT
 CCTGGGGGTGGGGTGTGGGCCTTCAGGCCAGGGCACTGCCCATGACTTCGGAGAAGCC
 ACCTGGTGTTCAGGTGCTGCTGGCTGAGGCTCCTGCAGCTCAGGCTGGGCCTCTTTCCA
 GGCCAGAGACTTCTCAATTTGGTTTTAAAAAGCAATCCGTGACCTGNGCAGTCTGCAGT
 CTCTTTGGAGGCTCGCTTCTTGCAGCAGCCGCGGCACAGGCTGAACACACATCTGTTGCC
 CTGNGCACAGGAAATCTCGGGAGCCTGTGGCCAGCAGCACTCCCGNGGCCAGGCTGGCCA
 GCAGGGGAGCAGCCCCACTGGGGAAGCCTCTGCCAGATGCCACGGCCTGNATGCAGCCC
 TGGGAAGTGTNCCAAGCAGATGCCTTNCCTACCCAACCCAGCAGTCTTTTCCCTCC
 AGCCTGGGCGGGGCTGGCCTGGACCAGGGGCGTCTGAGCATCATGCACCTGAGCCAGCT
 GCAACCCGTTGGCGGGCACAAACCTGCACCCAGCAGGCAAAAACCACTGCCACCCCA
 AACTAAACCTGGTGGCTGCCACCGGAACCACTTACTTTGGGTTTCAACCTGGTACACTTG
 ATATTTTGCTTAGAAAAAACAAGGGGCCTGTGATTAGGCCAGGGGCCCTGCTTGGGGGG
 TTCCCCTCCCCTGCAGGAGCTCTTATGGGTTTTCCCTTGGGCCCCCCCCCAAGGCTCAG
 AGGCAAGGTCACCTGCCATTTTTTTTTTCCGACAG

Restriction Sites:

ECoRI-NOT

ACCN:

NM_022156

Insert Size:

3370 bp

OTI Disclaimer:

Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).

Components:

The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

Reconstitution Method:

1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.

RefSeq: [NM_022156.3](#), [NP_071439.3](#)

RefSeq Size: 1885 bp

RefSeq ORF: 1422 bp

Locus ID: 64118

UniProt ID: [Q6P1R4](#)

Cytogenetics: 17q25.3

Gene Summary: Catalyzes the synthesis of dihydrouridine, a modified base found in the D-loop of most tRNAs.[UniProtKB/Swiss-Prot Function]